



SK

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/701,623B

Source: Per/09

Date Processed by STIC: 9/20/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/90/6238

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos
The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length
The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering
The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII
The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length
Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug"
A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES)
Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
 (NEW RULES)
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response
Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>
Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug"
Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n
n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

PCT09

RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/701,623B

TIME: 08:41:20

Input Set : A:\11514153.app

Output Set: N:\CRF3\09202001\I701623B.raw

P. 6

3 <110> APPLICANT: UNITED BIOMEDICAL INC., ET AL.
 5 <120> TITLE OF INVENTION: PEPTIDE COMPOSITION AS IMMUNOGEN FOR THE TREATMENT OF
 6 ALLERGY
 8 <130> FILE REFERENCE: 11514153US1
 10 <140> CURRENT APPLICATION NUMBER: 09/701,623B
 11 <141> CURRENT FILING DATE: 2000-12-01
 13 <150> PRIOR APPLICATION NUMBER: PCT/US99/13959
 14 <151> PRIOR FILING DATE: 1999-06-21
 16 <150> PRIOR APPLICATION NUMBER: 09/100,287
 17 <151> PRIOR FILING DATE: 1998-06-20
 19 <160> NUMBER OF SEQ ID NOS: 91
 21 <170> SOFTWARE: PatentIn Ver. 2.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 325
 25 <212> TYPE: PRT
 26 <213> ORGANISM: HUMAN
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: CH2CH3 of human IgE
 31 <300> PUBLICATION INFORMATION:
 32 <301> AUTHORS: Dorrington,
 33 Bennich,
 34 <303> JOURNAL: Immunology
 35 <304> VOLUME: 41
 36 <306> PAGES: 3-25
 37 <307> DATE: 1978
 39 <400> SEQUENCE: 1
 40 Val Cys Ser Arg Asp Phe Thr Pro Pro Thr Val Lys Ile Leu Gln Ser
 41 1 5 10 15
 43 Ser Cys Asp Gly Gly Gly His Phe Pro Pro Thr Ile Gln Leu Leu Cys
 44 20 25 30
 46 Leu Val Ser Gly Tyr Thr Pro Gly Thr Ile Asn Ile Thr Trp Leu Glu
 47 35 40 45
 49 Asp Gly Gln Val Met Asp Val Asp Leu Ser Thr Ala Ser Thr Thr Gln
 50 50 55 60
 52 Glu Gly Glu Leu Ala Ser Thr Gln Ser Glu Leu Thr Leu Ser Gln Lys
 53 65 70 75 80
 55 His Trp Leu Ser Asp Arg Thr Tyr Thr Cys Gln Val Thr Tyr Gln Gly
 56 85 90 95
 58 His Thr Phe Glu Asp Ser Thr Lys Lys Cys Ala Asp Ser Asn Pro Arg
 59 100 105 110
 61 Gly Val Ser Ala Tyr Leu Ser Arg Pro Ser Pro Phe Asp Leu Phe Ile
 62 115 120 125
 64 Arg Lys Ser Pro Thr Ile Thr Cys Leu Val Val Asp Leu Ala Pro Ser
 65 130 135 140
 67 Lys Gly Thr Val Asn Leu Thr Trp Ser Arg Ala Ser Gly Lys Pro Val
 68 145 150 155 160
 70 Asn His Ser Thr Arg Lys Glu Glu Lys Gln Arg Asn Gly Thr Leu Thr

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/701,623B

TIME: 08:41:20

Input Set : A:\11514153.app

Output Set: N:\CRF3\09202001\I701623B.raw

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71          165          170          175
73 Val Thr Ser Thr Leu Pro Val Gly Thr Arg Asp Trp Ile Glu Gly Glu
74          180          185          190
76 Thr Tyr Gln Cys Arg Val Thr His Pro His Leu Pro Arg Ala Leu Met
77          195          200          205
79 Arg Ser Thr Thr Lys Thr Ser Gly Pro Arg Ala Ala Pro Glu Val Tyr
80          210          215          220
82 Ala Phe Ala Thr Pro Glu Trp Pro Gly Ser Arg Asp Lys Arg Thr Leu
83 225          230          235          240
85 Ala Cys Leu Ile Gln Asn Phe Met Pro Glu Asp Ile Ser Val Gln Trp
86          245          250          255
88 Leu His Asn Glu Val Gln Leu Pro Asp Ala Arg His Ser Thr Thr Gln
89          260          265          270
91 Pro Arg Lys Thr Lys Gly Ser Gly Phe Phe Val Phe Ser Arg Leu Glu
92          275          280          285
94 Val Thr Arg Ala Glu Trp Gln Glu Lys Asp Glu Phe Ile Cys Arg Ala
95          290          295          300
97 Val His Glu Ala Ala Ser Pro Ser Gln Thr Val Gln Arg Ala Val Ser
98 305          310          315          320
100 Val Asn Pro Gly Lys
101          325
104 <210> SEQ ID NO: 2
105 <211> LENGTH: 312
106 <212> TYPE: PRT
107 <213> ORGANISM: Dog
109 <220> FEATURE:
110 <223> OTHER INFORMATION: CH2CH3n of dog IgE
112 <300> PUBLICATION INFORMATION:
113 <301> AUTHORS: Patel,
114 <303> JOURNAL: Immunogenetics
115 <304> VOLUME: 41
116 <306> PAGES: 282-286
117 <307> DATE: 1995
119 <400> SEQUENCE: 2
120 Ala Cys Ala Leu Asn Phe Ile Pro Pro Thr Val Lys Leu Phe His Ser
121 1 5 10 15
123 Ser Cys Asn Pro Val Gly Asp Thr His Thr Thr Ile Gln Leu Leu Cys
124 20 25 30
126 Leu Ile Ser Gly Tyr Val Pro Gly Asp Met Glu Val Ile Trp Leu Val
127 35 40 45
129 Asp Gly Gln Lys Ala Thr Asn Ile Phe Pro Tyr Thr Ala Pro Gly Thr
130 50 55 60
132 Lys Glu Gly Asn Val Thr Ser Thr His Ser Glu Leu Asn Ile Thr Gln
133 65 70 75 80
135 Gly Glu Trp Val Ser Gln Lys Thr Tyr Thr Cys Gln Gly Phe Thr Phe
136 85 90 95
138 Lys Asp Glu Ala Arg Lys Cys Ser Glu Ser Asp Pro Arg Gly Val Thr
139 100 105 110
141 Ser Tyr Leu Ser Pro Pro Ser Pro Leu Asp Leu Tyr Val His Lys Ala

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RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/701,623B

TIME: 08:41:20

Input Set : A:\11514153.app

Output Set: N:\CRF3\09202001\I701623B.raw

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142          115          120          125
144 Pro Lys Ile Thr Cys Leu Val Val Asp Leu Ala Thr Met Glu Gly Met
145          130          135          140
147 Asn Leu Thr Trp Tyr Arg Glu Ser Lys Glu Pro Val Asn Pro Gly Pro
148 145          150          155          160
150 Leu Asn Lys Lys Asp His Phe Asn Gly Thr Ile Thr Val Thr Ser Thr
151          165          170          175
153 Leu Pro Val Asn Thr Asn Asp Trp Ile Glu Gly Glu Thr Tyr Tyr Cys
154          180          185          190
156 Arg Val Thr His Pro His Leu Pro Lys Asp Ile Val Arg Ser Ile Ala
157          195          200          205
159 Lys Ala Pro Gly Lys Arg Ala Pro Pro Asp Val Tyr Leu Phe Leu Pro
160          210          215          220
162 Pro Glu Glu Glu Gln Gly Thr Lys Asp Arg Val Thr Leu Thr Cys Leu
163 225          230          235          240
165 Ile Gln Asn Phe Phe Pro Ala Asp Ile Ser Val Gln Trp Leu Arg Asn
166          245          250          255
168 Asp Ser Pro Ile Gln Thr Asp Gln Tyr Thr Thr Thr Gly Pro His Lys
169          260          265          270
171 Val Ser Gly Ser Arg Pro Ala Phe Phe Ile Phe Ser Arg Leu Glu Val
172          275          280          285
174 Ser Arg Val Asp Trp Glu Gln Lys Asn Lys Phe Thr Cys Gln Val Val
175          290          295          300
177 His Glu Ala Leu Ser Gly Ser Arg
178 305          310

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181 <210> SEQ ID NO: 3
182 <211> LENGTH: 313
183 <212> TYPE: PRT
184 <213> ORGANISM: RAT
186 <220> FEATURE:
187 <223> OTHER INFORMATION: CH2CH3 of rat IgE
189 <300> PUBLICATION INFORMATION:
190 <301> AUTHORS: Dorrington,
191      Bennich,
192 <303> JOURNAL: Immunology
193 <304> VOLUME: 41
194 <306> PAGES: 3-25
195 <307> DATE: 1978
197 <300> PUBLICATION INFORMATION:
198 <301> AUTHORS: Patel,
199 <303> JOURNAL: Immunogenetics
200 <304> VOLUME: 41
201 <306> PAGES: 282-286
202 <307> DATE: 1995
204 <300> PUBLICATION INFORMATION:
205 <301> AUTHORS: Steen,
206 <303> JOURNAL: J. Mol. Biol.
207 <304> VOLUME: 177
208 <306> PAGES: 19-32

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RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/701,623B

TIME: 08:41:20

Input Set : A:\11514153.app

Output Set: N:\CRF3\09202001\I701623B.raw

209 <307> DATE: 1984
 211 <300> PUBLICATION INFORMATION:
 212 <301> AUTHORS: Ishida,
 213 <303> JOURNAL: EMBO J.
 214 <304> VOLUME: 1
 215 <306> PAGES: 1117-1123
 216 <307> DATE: 1982
 218 <400> SEQUENCE: 3
 219 Ala Arg Pro Val Asn Ile Thr Lys Pro Thr Val Asp Leu Leu His Ser
 220 1 5 10 15
 222 Ser Cys Asp Pro Asn Ala Phe His Ser Thr Ile Gln Leu Tyr Cys Phe
 223 20 25 30
 225 Val Tyr Gly His Ile Gln Asn Asp Val Ser Ile His Trp Leu Met Asp
 226 35 40 45
 228 Asp Arg Lys Ile Tyr Asp Thr His Ala Gln Asn Val Leu Ile Lys Glu
 229 50 55 60
 231 Glu Gly Lys Leu Ala Ser Thr Tyr Ser Arg Leu Asn Ile Thr Gln Gln
 232 65 70 75 80
 234 Gln Trp Met Ser Glu Ser Thr Phe Thr Cys Lys Val Thr Ser Gln Gly
 235 85 90 95
 237 Glu Asn Tyr Trp Ala His Thr Arg Arg Cys Ser Asp Asp Glu Pro Arg
 238 100 105 110
 240 Gly Val Ile Thr Tyr Leu Ile Pro Pro Ser Pro Leu Asp Leu Tyr Glu
 241 115 120 125
 243 Asn Gly Thr Pro Lys Leu Thr Cys Leu Val Leu Asp Leu Glu Ser Glu
 244 130 135 140
 246 Glu Asn Ile Thr Val Thr Trp Val Arg Glu Arg Lys Lys Ser Ile Gly
 247 145 150 155 160
 249 Ser Ala Ser Gln Arg Ser Thr Lys His His Asn Ala Thr Thr Ser Ile
 250 165 170 175
 252 Thr Ser Ile Leu Pro Val Asp Ala Lys Asp Trp Ile Glu Gly Glu Gly
 253 180 185 190
 255 Tyr Gln Cys Arg Val Asp His Pro His Phe Pro Lys Pro Ile Val Arg
 256 195 200 205
 258 Ser Ile Thr Lys Ala Leu Gly Leu Arg Ser Ala Pro Glu Val Tyr Val
 259 210 215 220
 261 Phe Leu Pro Pro Glu Glu Glu Lys Asn Lys Arg Thr Leu Thr Cys
 262 225 230 235 240
 264 Leu Ile Gln Asn Phe Phe Pro Glu Asp Ile Ser Val Gln Trp Leu Gln
 265 245 250 255
 267 Asp Ser Lys Leu Ile Pro Lys Ser Gln His Ser Thr Thr Thr Pro Leu
 268 260 265 270
 270 Lys Thr Asn Gly Ser Asn Gln Arg Phe Phe Ile Phe Ser Arg Leu Glu
 271 275 280 285
 273 Val Thr Lys Ala Leu Trp Thr Gln Thr Lys Gln Phe Thr Cys Arg Val
 274 290 295 300
 276 Ile His Glu Ala Leu Arg Glu Pro Arg
 277 305 310
 280 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/701,623B

TIME: 08:41:20

Input Set : A:\11514153.app

Output Set: N:\CRF3\09202001\I701623B.raw

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281 <211> LENGTH: 313
282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: CH2CH3 of mouse IgE
288 <400> SEQUENCE: 4
289 Val Arg Pro Val Thr His Ser Leu Ser Pro Pro Trp Ser Tyr Ser Ile
290   1           5           10           15
292 His Arg Cys Asp Pro Asn Ala Phe His Ser Thr Ile Gln Leu Tyr Cys
293           20           25           30
295 Phe Ile Tyr Gly His Ile Leu Asn Asp Val Ser Val Ser Trp Leu Met
296           35           40           45
298 Asp Asp Arg Glu Ile Thr Asp Thr Leu Ala Gln Thr Val Leu Ile Lys
299           50           55           60
301 Glu Glu Gly Lys Leu Ala Ser Thr Cys Ser Lys Leu Asn Ile Thr Glu
302   65           70           75           80
304 Gln Gln Trp Met Ser Glu Ser Thr Phe Thr Cys Arg Val Thr Ser Gln
305           85           90           95
307 Gly Cys Asp Tyr Leu Ala His Thr Arg Arg Cys Pro Asp His Glu Pro
308           100          105          110
310 Arg Gly Ala Ile Thr Tyr Leu Ile Pro Pro Ser Pro Leu Asp Leu Tyr
311           115          120          125
313 Gln Asn Gly Ala Pro Lys Leu Thr Cys Leu Val Val Asp Leu Glu Ser
314           130          135          140
316 Glu Lys Asn Val Asn Val Thr Trp Asn Gln Glu Lys Lys Thr Ser Val
317  145           150          155          160
319 Ser Ala Ser Gln Trp Tyr Thr Lys His His Asn Asn Ala Thr Thr Ser
320           165          170          175
322 Ile Thr Ser Ile Leu Pro Val Val Ala Lys Asp Trp Ile Glu Gly Tyr
323           180          185          190
325 Gly Tyr Gln Cys Ile Val Asp Arg Pro Asp Phe Pro Lys Pro Ile Val
326           195          200          205
328 Arg Ser Ile Thr Lys Thr Pro Gly Gln Arg Ser Ala Pro Glu Val Tyr
329           210          215          220
331 Val Phe Pro Pro Pro Glu Glu Ser Glu Asp Lys Arg Thr Leu Thr
332  225          230          235          240
334 Cys Leu Ile Gln Asn Phe Phe Pro Glu Asp Ile Ser Val Gln Trp Leu
335           245          250          255
337 Gly Asp Gly Lys Leu Ile Ser Asn Ser Gln His Ser Thr Thr Thr Pro
338           260          265          270
340 Leu Lys Ser Asn Gly Asn Gln Gly Phe Phe Ile Phe Ser Arg Leu Glu
341           275          280          285
343 Val Ala Lys Thr Leu Trp Thr Gln Arg Lys Gln Phe Thr Cys Gln Val
344           290          295          300
346 Ile His Glu Ala Leu Gln Lys Pro Arg
347  305          310
350 <210> SEQ ID NO: 5
351 <211> LENGTH: 25
352 <212> TYPE: PRT

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<210> SEQ ID NO 16
 <211> LENGTH: 6
 <212> TYPE: PRT
 <213> ORGANISM: Artificial Sequence
 <220> FEATURE:
 <223> OTHER INFORMATION: Description of Artificial Sequence:
 <400> SEQUENCE: 16
 Pro Pro Xaa Pro Xaa Pro
 1 5

insufficient explanation -
 peptide give

see item 9 on Error Summary Sheet

source of
 genetic
 material -
 see item 11 on
 Error Summary
 Sheet

→ Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/701,623B

DATE: 09/20/2001

TIME: 08:41:21

Input Set : A:\11514153.app

Output Set: N:\CRF3\09202001\I701623B.raw

L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
 L:546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
 L:549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
 L:629 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:16
 L:629 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:16
 L:629 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
 L:694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
 L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
 L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
 L:798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
 L:862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
 L:929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
 L:932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
 L:993 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
 L:996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
 L:1045 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
 L:1157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
 L:1160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
 L:1198 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:29
 L:1198 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:29
 L:1198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
 L:1769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
 L:2193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85